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* * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS 1   Web Page for STN Seminar Schedule - N. America
 NEWS 2 OCT 04   Precision of EMBASE searching enhanced with new
                   chemical name field
 NEWS 3 OCT 06   Increase your retrieval consistency with new formats or
                   for Taiwanese application numbers in CA/CAplus.
 NEWS 4 OCT 21   CA/CAplus kind code changes for Chinese patents
                   increase consistency, save time
 NEWS 5 OCT 22   New version of STN Viewer preserves custom
                   highlighting of terms when patent documents are
                   saved in .rtf format
 NEWS 6 OCT 28   INPADOCDB/INPAFAMDB: Enhancements to the US national
                   patent classification.
 NEWS 7 NOV 03   New format for Korean patent application numbers in
                   CA/CAplus increases consistency, saves time.
 NEWS 8 NOV 04   Selected STN databases scheduled for removal on
                   December 31, 2010
 NEWS 9 NOV 18   PROUSDDR and SYNTHLINE Scheduled for Removal
                   December 31, 2010 by Request of Prous Science
 NEWS 10 NOV 22   Higher System Limits Increase the Power of STN
                   Substance-Based Searching
 NEWS 11 NOV 24   Search an additional 46,850 records with MEDLINE
                   backfile extension to 1946
 NEWS 12 DEC 14   New PNK Field Allows More Precise Crossover among STN
                   Patent Databases
 NEWS 13 DEC 18   ReaxysFile available on STN
 NEWS 14 DEC 21   CAS Learning Solutions -- a new online training experience
 NEWS 15 DEC 22   Value-Added Indexing Improves Access to World Traditional
                   Medicine Patents in CAplus
 NEWS 16 JAN 24   The new and enhanced DPCI file on STN has been released
 NEWS 17 JAN 26   Improved Timeliness of CAS Indexing Adds Value to
                   USPATFULL and USPAT2 Chemistry Patents
 NEWS 18 JAN 26   Updated MeSH vocabulary, new structured abstracts, and
                   other enhancements improve searching in STN reload of
                   MEDLINE
 NEWS 19 JAN 28   CABA will be updated weekly

 NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
         AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.

 NEWS HOURS   STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN   Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that
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```
* * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:42:18 ON 31 JAN 2011

=> file reg
COST IN U.S. DOLLARS                               SINCE FILE      TOTAL
                                                     ENTRY        SESSION
FULL ESTIMATED COST                                   0.23          0.23


FILE 'REGISTRY' ENTERED AT 09:42:38 ON 31 JAN 2011
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   30 JAN 2011  HIGHEST RN 1261108-81-9
DICTIONARY FILE UPDATES:  30 JAN 2011  HIGHEST RN 1261108-81-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\STNEXP\Queries\10.573052\20110131-sa.str
```
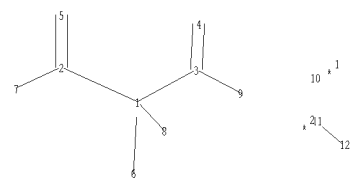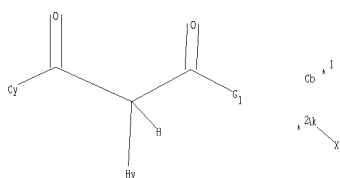
chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
1-2 1-3 1-6 1-8 2-5 2-7 3-4 3-9 11-12
exact/norm bonds :
1-6 2-5 2-7 3-4 3-9 11-12
exact bonds :
1-2 1-3 1-8

G1:[*1],[*2]

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:Atom 7:Atom 8:CLASS 9:CLASS 10:Atom
11:CLASS 12:CLASS
Generic attributes :
6:
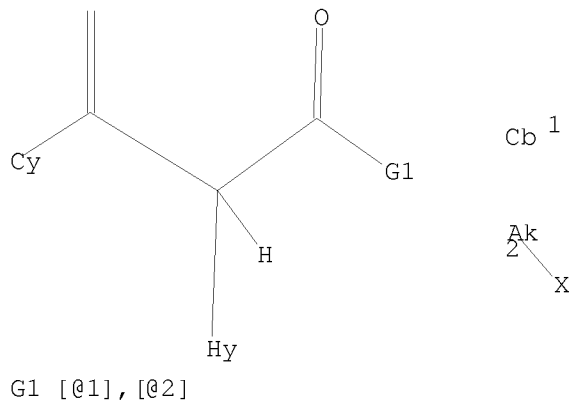Saturation   : Unsaturated

```
Type of Ring System    : Monocyclic
10:
Saturation             : Saturated
Number of Carbon Atoms : less than 7
Type of Ring System    : Monocyclic




L1          STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1                  STR
```

```
G1 [@1],[@2]




Structure attributes must be viewed using STN Express query preparation.


=> s l1 sss sam
SAMPLE SEARCH INITIATED 09:42:55 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   145126 TO ITERATE

100.0% PROCESSED   145126 ITERATIONS                        50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS:  ONLINE   **COMPLETE**
                        BATCH    **COMPLETE**
PROJECTED ITERATIONS:     2879942 TO  2925098
PROJECTED ANSWERS:            688 TO     1592

L2             50 SEA SSS SAM L1

=> d scan

L2   50 ANSWERS   REGISTRY  COPYRIGHT 2011 ACS on STN
IN   1,3-Propanedione, 1-[2-chloro-4-(methylsulfonyl)phenyl]-3-cyclopropyl-2-(2-
     pyrimidinyl)-
MF   C17 H15 Cl N2 O4 S
```
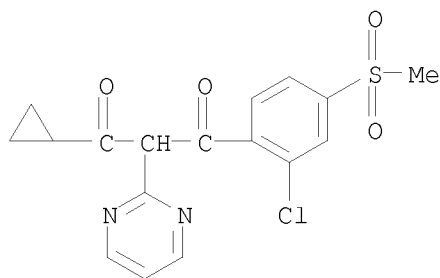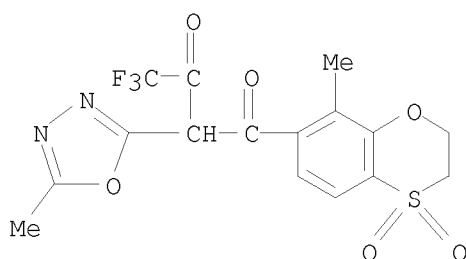
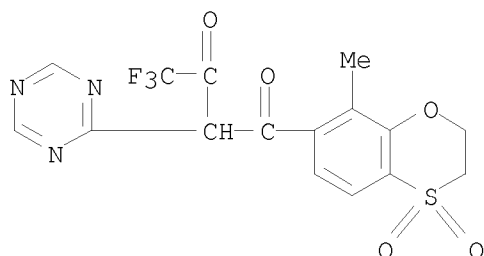**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

```
L2    50 ANSWERS   REGISTRY  COPYRIGHT 2011 ACS on STN
IN    1,3-Butanedione, 1-(2,3-dihydro-8-methyl-4,4-dioxido-1,4-benzoxathiin-7-
      yl)-4,4,4-trifluoro-2-(5-methyl-1,3,4-oxadiazol-2-yl)-
MF    C16 H13 F3 N2 O6 S
```


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT


```
L2    50 ANSWERS   REGISTRY  COPYRIGHT 2011 ACS on STN
IN    INDEX NAME NOT YET ASSIGNED
MF    C16 H12 F3 N3 O5 S
```


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l1 sss full

```
FULL SEARCH INITIATED 09:43:27 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  2899321 TO ITERATE

  9.2% PROCESSED    267995 ITERATIONS                              0 ANSWERS

 10.9% PROCESSED    314778 ITERATIONS                              0 ANSWERS

100.0% PROCESSED  2899321 ITERATIONS                            969 ANSWERS
SEARCH TIME: 00.00.42

L3          969 SEA SSS FUL L1

=>
Uploading C:\Program Files\STNEXP\Queries\10.573052\20110131-sa-t3.str
```
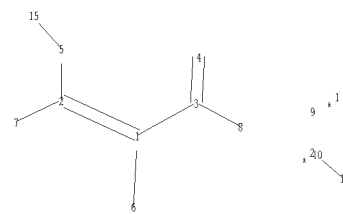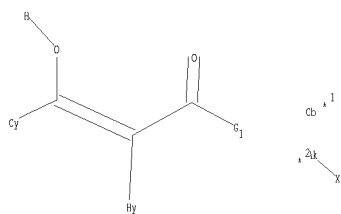


```
chain nodes :
1  2  3  4  5  6  7  8  9  10  11  15
chain bonds :
```

1-2 1-3 1-6 2-5 2-7 3-4 3-8 5-15 10-11
exact/norm bonds :
1-6 2-5 2-7 3-4 3-8 10-11
exact bonds :
1-2 1-3 5-15

G1:[*1],[*2]

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:Atom 7:Atom 8:CLASS 9:Atom 10:CLASS
11:CLASS 15:CLASS
Generic attributes :
6:
Saturation   : Unsaturated
Type of Ring System   : Monocyclic
9:
Saturation   : Saturated
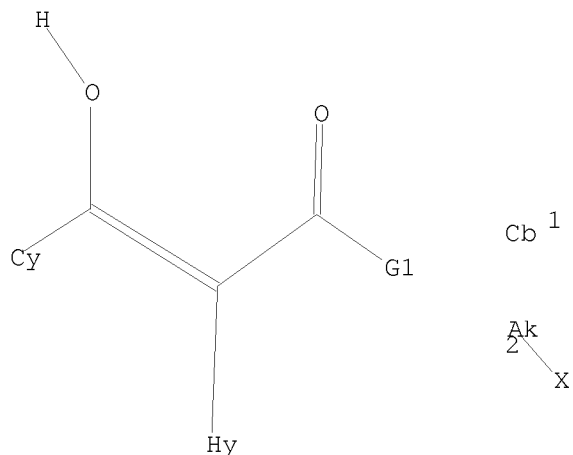Number of Carbon Atoms : less than 7
Type of Ring System   : Monocyclic

L4   STRUCTURE UPLOADED

=> d
L4 HAS NO ANSWERS
L4   STR

G1 [@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

=> s l4 sss sam
SAMPLE SEARCH INITIATED 09:45:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   26810 TO ITERATE

100.0% PROCESSED   26810 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 526398 TO   546002
PROJECTED ANSWERS: 0 TO   0

L5   0 SEA SSS SAM L4

```
=> s l4 sss full
FULL SEARCH INITIATED 09:45:57 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    536724 TO ITERATE

100.0% PROCESSED   536724 ITERATIONS                           0 ANSWERS
SEARCH TIME: 00.00.03

L6              0 SEA SSS FUL L4

=>
Uploading C:\Program Files\STNEXP\Queries\10.573052\20110131-sa-t2.str
```
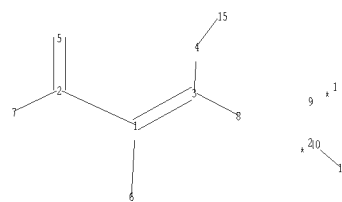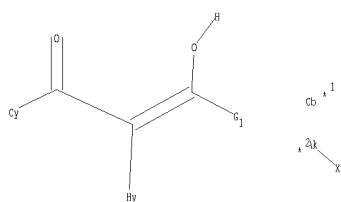


```
chain nodes :
1  2  3  4  5  6  7  8  9  10  11  15
chain bonds :
1-2  1-3  1-6  2-5  2-7  3-4  3-8  4-15  10-11
exact/norm bonds :
```

1-6 2-5 2-7 3-4 3-8 10-11
exact bonds :
1-2 1-3 4-15

G1:[*1],[*2]

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:Atom 7:Atom 8:CLASS 9:Atom 10:CLASS
11:CLASS 15:CLASS
Generic attributes :
6:
Saturation   : Unsaturated
Type of Ring System   : Monocyclic
9:
Saturation   : Saturated
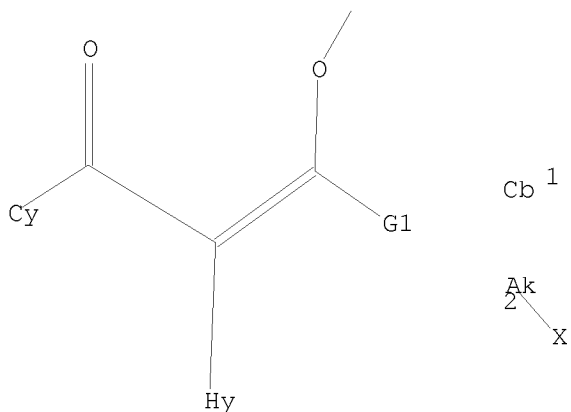Number of Carbon Atoms : less than 7
Type of Ring System   : Monocyclic

L7   STRUCTURE UPLOADED

=> d
L7 HAS NO ANSWERS
L7   STR

G1 [@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

=> s l7 sss sam
SAMPLE SEARCH INITIATED 09:47:02 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   26810 TO ITERATE

100.0% PROCESSED   26810 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 526398 TO   546002
PROJECTED ANSWERS: 0 TO   0

L8   0 SEA SSS SAM L7

=> s l7 sss full

```
FULL SEARCH INITIATED 09:47:26 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   536724 TO ITERATE

100.0% PROCESSED   536724 ITERATIONS                          0 ANSWERS
SEARCH TIME: 00.00.03

L9               0 SEA SSS FUL L7

=> d hist

     (FILE 'HOME' ENTERED AT 09:42:18 ON 31 JAN 2011)

     FILE 'REGISTRY' ENTERED AT 09:42:38 ON 31 JAN 2011
L1               STRUCTURE UPLOADED
L2          50 S L1 SSS SAM
L3         969 S L1 SSS FULL
L4               STRUCTURE UPLOADED
L5           0 S L4 SSS SAM
L6           0 S L4 SSS FULL
L7               STRUCTURE UPLOADED
L8           0 S L7 SSS SAM
L9           0 S L7 SSS FULL

=> file caplus
COST IN U.S. DOLLARS                         SINCE FILE      TOTAL
                                               ENTRY        SESSION
FULL ESTIMATED COST                          593.13         593.36

FILE 'CAPLUS' ENTERED AT 09:47:35 ON 31 JAN 2011
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FILE LAST UPDATED: 30 Jan 2011  (20110130/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED:  Oct 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE:  Oct 2010

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substance identification.

=> s l3
L10              8 L3
```